



#7/a  
Docket No.: M4065.0196/P196  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Shane P. Leiphart

Application No.: 09/371,955

Filed: August 11, 1999

For: ENHANCED BARRIER LINER  
FORMATION FOR VIAS

Group Art Unit: 2811

Examiner: D. Kang

4/2/01  
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AMENDMENT

**Box Non-Fee Amendment**  
Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the Office Action dated January 2, 2001 (Paper No. 5), please amend the above-identified U.S. Patent application as follows:

In the Specification:

Please replace the Title on the cover page with:

ENHANCED BARRIER LINER FORMATION FOR VIAS

Please replace the third full paragraph on page 9 of the specification, beginning on line 19, with the following paragraph:

A1  
FIG. 3 shows an enlarged view of a via fabricated according to a second embodiment of this invention. In this embodiment, the titanium aluminide 37 is formed in



| <b>AMENDMENT TRANSMITTAL LETTER</b>   |   |   |                                   | Docket No.<br>M4065.0196/P196 |      |
|---|---|---|-----------------------------------|-------------------------------|------|
| Application No.<br>09/371,955   | Filing Date<br>August 11, 1999            | Examiner<br>D. Kang                     | Group Art Unit<br>2811            |                               |      |
| Applicant(s): Shane P. Leiphart   |   |   |                                   |                               |      |
| Invention: ENHANCED BARRIER LINER FORMATION FOR VIAS  |   |   |                                   |                               |      |
| <b>TO THE COMMISSIONER FOR PATENTS</b><br>Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.   |   |   |                                   |                               |      |
| <b>CLAIMS AS AMENDED</b>  |   |   |                                   |                               |      |
|   | Claims<br>Remaining<br>After<br>Amendment | Highest<br>Number<br>Previously<br>Paid | Number<br>Extra Claims<br>Present | Rate                          |      |
| <b>Total Claims</b>   |   | - 20 =                                  |                                   | x                             |      |
| <b>Independent Claims</b>   |   | - 3 =                                   |                                   | x                             |      |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>  |   |   |                                   |                               |      |
| Other fee (please specify):   |   |   |                                   |                               |      |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>   |   |   |                                   |                               | 0.00 |
| <input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span><br><input checked="" type="checkbox"/> No additional fee is required for this amendment.<br><input type="checkbox"/> Please charge Deposit Account No. <u>04-1073</u> in the amount of \$ _____.<br>A duplicate copy of this sheet is enclosed.<br><input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.<br><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge and credit Deposit Account No. <u>04-1073</u><br>as described below. A duplicate copy of this sheet is enclosed.<br><input checked="" type="checkbox"/> Credit any overpayment.<br><input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17. |   |   |                                   |                               |      |
| <br>Thomas J. D'Amico<br>Attorney Reg. 28,371   |   |   |                                   | Dated: <u>March 30, 2001</u>  |      |
| DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP<br>2101 L Street NW<br>Washington, DC 20037-1526<br>(202) 828-2232   |   |   |                                   |                               |      |

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